

The Office Action asserts in note 4 that Redzic discloses (emphasis added):

a stator (16) provided with a plurality of stator coils (40', 40'', and 40''') which is configured to apply a first rotational force (\emptyset_1'') on the first rotor and a second rotational force (\emptyset_1') on the second rotor (as explained on column 5, line 52 to column 6, line 12) **to cause the first rotor and the second rotor to rotate independently from each other**, when a **composite poly-phase alternating current** (three phase AC motor operation – column 4, lines 13-18) is supplied to the stator excitation coils.

Applicant respectfully disagrees. Redzic discloses an *asynchronous* electro-motor, as described in col. 4, lines 13 to 18 and lines 39 to 44. In an *asynchronous* electro-motor, as in Redzic, the rotation speed of the rotors depends on the magnetic force or the voltage of electric power supplied to the stator coils. In Redzic specifically, the stator coils are provided with a three-phase AC current (i.e., the three phase AC motor operation described in col. 4, lines 13 to 18, as correctly noted in the Office Action), which generates magnetic fluxes \emptyset_1 and \emptyset_2 (col. 5, lines 54 to 55). Unlike the presently claimed invention, however, the first rotor and the second rotor *do not rotate independently*. For instance, according to Redzic, if load increases on the *first* rotor, the magnetic flux will be directed toward the *second* rotor and the *second* rotor will increase in speed (col. 6, lines 2 to 4). In sum, the relative load on one rotating member affects the flux therethrough, and, in turn affects the flux on the other rotor – the rotors affect each other and one rotor is in constant reaction to changes incurred by or on the other rotor (col. 6, lines 7 to 12). Thus, Redzic fails to disclose or suggest rotors that rotate independently as in the presently claimed invention.

Additionally, Redzic fails to disclose or suggest the claimed composite poly-phase alternating current. More specifically, a *composite* poly-phase alternating current includes two or more poly-phase alternating currents that are overlapped. By way of example, a first three-phase alternating current may be overlapped with a second five-phase alternating current, resulting in a *composite* poly-phase alternating current including a first three-phase alternating current and a second five-phase alternating current. Redzic, however, discloses a single three-phase AC current – *not* a *composite* poly-phase AC current as claimed. Thus, Redzic fails to disclose or suggest the claimed *composite* poly-phase alternating current.

The further cited references fail to rectify the aforementioned deficiencies in Redzic. As such, withdrawal of the prior art rejections is solicited.

Conclusion

Applicant believes that the present application is now in condition for allowance.
Early notification of the same is earnestly solicited.

The Examiner is respectfully requested to contact the undersigned by telephone, if the Examiner believes that a telephone interview would advance prosecution of the pending application.

Respectfully submitted,

Date September 17, 2003

FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143
Telephone: (202) 945-6112
Facsimile: (202) 672-5399

By



Daniel L. Girdwood
Agent for Applicant
Registration No. 52,947